

STATE OF SOUTH AUSTRALIA
Rural Production, 1949-50.

This Bulletin repeats, with some minor corrections, the principal statistics relating to cereals and livestock recently published in Bulletins 8 and 11 and gives data concerning other crops, exports, manures used, implements, employment, etc. some items being provisional. Particulars of varieties of wheat barley and oats are published in Bulletin 13.

In the various tables in this bulletin production results of the year 1949/50 are compared with the same results of the previous 2 years and of the pre-war year 1938/39.

I AREAS UNDER CROP

Particulars	1938-39	1947-48	1948-49	1949-50
	Acres	Acres	Acres	Acres
Wheat for Grain	3,080,401	2,374,873	2,063,034	1,896,324
Barley for Grain	457,039	562,405	697,751	693,758
Oats for Grain	266,842	308,783	286,540	261,416
Rye for Grain	5,273	25,029	41,085	39,537
Peas - Field	16,570	13,252	15,280	16,545
Lucerne, Clover etc. Seed	2,342	20,119	16,482	27,896
Flax	4	3,544	2,690	1,120
Linseed	-	177	959	3,737
Hay	519,309	296,261	234,292	294,590
Green Fodder	276,021	142,051	292,446	277,971
Vines Wine	36,457	b 42,843	b 46,929	b 47,965
Drying, Table	21,563	b 16,042	b 12,877	b 12,288
Orchards	28,943	28,338	29,732	c 26,526
Vegetables - Potatoes	4,290	6,202	5,860	7,245
Other Domestic	5,446	11,141	10,468	8,995
Nurseries	177	98	156	136
Chicory	31	93	86	112
Canary Seed	3,076	58	84	70
Mustard Seed	-	342	110	-
Other (a)	306	204	156	56
Total Crops	4,724,090	3,851,855	3,757,017	3,616,287

- (a) Includes Vegetable Seeds, Herbs, Licorice, Maize, etc.
(b) Grapes from areas normally used for drying were sent to distilleries.
(c) Private orchards and those not now worked have been omitted.

Vegetables for 1949-50 (1948-49) include Green Peas 3,893 (4,908) Turnips and Swedes 373 (443), Carrots 273 (308), Onions 435 (498) Pumpkins, Triambles etc. 707 (684), Tomatoes 862 (757), Cabbages 385 (407) Cauliflowers 517 (539), French Beans 359 (375), Beetroot 104 (168), Lettuce 274 (303), Celery 376 (338) acres.

II LAND UTILIZATION

In addition to the area under crop of 3,616,287 acres, there were 1,545,399 acres under fallow, 133,235 of lucerne for grazing, 828,851 of clover and grasses other than native grasses, and 7,672,837 of other cleared ground now used for grazing or lying idle. The total area of all holdings including uncleared pasture land was 146,526,274 acres.

III YIELDS OF CROPS

Particulars		1938-39	1947-48	1948-49	1949-50
Wheat	Bush.	31,674,418	32,524,422	26,136,346	28,350,860
Barley	"	7,541,090	15,363,461	12,103,446	12,725,240
Oats	"	2,401,128	5,394,261	2,643,419	3,463,997
Rye	"	18,469	109,950	258,655	220,339
Peas - Field	"	96,329	232,822	168,187	164,104
Hay	Tons	585,554	443,659	311,997	384,604
Seeds (Clover etc)	Cwt.	2,967	19,272	14,362	29,643
Potatoes	Tons	18,487	34,181	33,054	40,984
Onions	"	3,892	5,350	4,971	4,607
Tomatoes	Bush.	226,691	294,356	338,383	316,694
Green Peas	"	97,918	244,668	224,640	255,620
Carrots	Tons	1,117	2,937	2,757	4,788
Wine	Gall.	11,147,046	26,000,337	26,295,184	24,977,313
Currants	Cwt.	191,381	133,641	125,001	84,881
Sultanas	"	192,926	205,734	122,086	108,735
Raisins	"	40,212	21,425	14,500	9,166
Apples	Bush.	808,020	989,440	814,300	663,450
Apricots	"	343,569	461,784	459,369	428,808
Peaches	"	149,602	189,177	157,093	137,074
Pears	"	195,995	191,947	310,860	206,151
Plums, Prunes	"	134,030	145,142	144,528	110,744
Oranges	"	815,460	925,995	1,177,889	1,103,185
Lemons	"	55,862	56,187	54,240	56,974
Almonds	Cwt.	9,994	12,270	13,874	17,937

YIELDS PER ACRE

Wheat	Bush.	10.28	13.70	12.67	14.95
Barley	"	16.50	27.32	17.35	18.34
Oats	"	9.00	17.47	9.23	13.25
Hay	Tons	1.13	1.50	1.33	1.31
April-Nov. Rain	Inch	10.00	13.93	11.73	12.18

Other Vegetable Yields for 1949-50 (1948-49) included - Parsnips 826 (890) tons, Swedes and Turnips 2,301 (2,888) tons; Beetroot 2,181 (1,346) tons; Pumpkins, Triangles etc. 3,862 (4,081) tons; French Beans 78,562 (77,699) bushels; Broad Beans 1,444 (5,795) bushels, Cauliflowers 203,239 (188,732) dozen; Cabbages 185,122 (188,697) dozen, Lettuce 167,740 (161,357) cases; Celery 229,629 (185,005) crates; Silver Beet 9,930 (14,729) dozen bunches.

Other Fruit yields for 1949-50 (1948-49) included cherries 59,484 (57,943) Figs 16,022 (19,143), Nectarines 17,266 (27,158) Grape Fruit 23,774 (24,449); Quinces 11,508 (26,046), Loquats 892 (2,221) bushels Walnuts 511 (652) cwts.

Berry Fruits were:- Raspberries 593 (479), Strawberries 919 (1,082), Black and Red Currants 79 (52), Other 1,183 (1,203) cwts.

Oranges were specified as Navel 797,305 (798,893) Valencia 228,880 (289,574) Seville and Poorman 7,788 (9,656), Mandarins 25,475 (28,229). Other seeded types 43,737 (51,537) bushels.

Pears were Canning 163,209 (227,719), Other 42,942 (83,141) bushels.

Peaches were Canning 78,037 (68,925), Other 59,037 (88,168) bushels.

Plums were 55,671 (54,744) and prunes 59,484 (89,784) bushels.

ENSILAGE made 5,545 (5,793) tons.

RECORD YIELDS. Records have been as follows:- Wheat 1931-32 48,093,102 bushels, Barley 1947-48 15,363,461 bushels, Oats 1947-48 5,394,261 bushels, Wine 1948-49 26,295,184 gallons, Currants 1943-44 209,140 cwt. Sultanas 1943-44 333,300 cwt., Raisings 1940-41 89,557 cwt. Apples 1940-41 1,750,000 bushels, Oranges 1948-49 1,177,889 bushels, Pears 1948-49 310,860 bushels, Almonds 1949-50 17,937 cwts, Apricots 1943-44 551,734 bushels.

IV OVERSEA EXPORTS (Years ended June)

Products		1938-39	1947-48	1948-49	1949-50
Barley	Bush	2,248,212	7,923,702	8,461,098	7,238,232
Wheat	Bush	18,486,303	9,697,821	16,335,532	9,855,742
Flour	Tons	86,678	131,061	147,254	92,016
Butter	Lb.	7,385,564	7,205,794	6,779,732	4,965,324
Cheese	Lb.	12,907,683	15,899,156	16,204,409	13,599,049
Eggs	£	98,911	861,614	814,786	658,710
Pork, bacon	Lb.	466,462	1,121,898	959,331	724,461
Mutton	carc.	3,299	22,324	99,791	133,833
Lamb	carc.	667,248	400,072	520,017	529,255
Wool (as greasy)	Lb.	87,272,802	92,318,000	118,707,000	116,354,000
Currants, raisins	Lb.	42,692,777	23,268,975	21,022,369	12,908,752
Tree fruits -					
fresh, dried, etc.	£	275,074	441,209	413,213	560,492
Wine	gall	3,440,509	2,243,003	1,527,238	898,432

V. MANURE USED.

Particulars		1938-39	1947-48	1948-49	1949-50
Crops manured	Acres	4,281,419	3,377,126	3,279,431	3,121,981
Manure used	Tons	179,118	152,357	156,750	148,149
Cropped area manured	%	90.6	87.7	87.3	86.3
Manure per acre	Lbs.	93.7	101.1	107.1	106.3
Pastures manured	Acres	1,095,120	1,390,858	1,740,774	1,792,334
Manure used	Tons	56,325	71,896	93,357	95,618
Manure per acre	Lbs.	115.2	115.8	120.1	119.5

The quantity of manure is that used for producing the crops grown in the seasons stated. In connection with top-dressed pastures, it is noted that 133,235 acres of lucerne and 828,851 acres of clover and grasses other than native grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed or hay.

Particulars of fertilisers used for 1949-50 were:-

Crop	Area Manured	Super phosphate	Other Fertilisers	Total per acre
	Acres	Tons	Tons	Lbs.
Wheat for Grain	1,808,984	77,930	99	96.6
Other Cereals, Hay	1,249,821	55,066	350	99.3
Vegetables	12,898	1,919	3,003	854.8
Fruits, Vines	46,750	3,244	6,267	455.7
Other Crops	3,528	220	51	172.1
Total Crops	3,121,981	138,379	9,770	106.3
Pastures	1,792,334	94,950	668	119.5
Grand Total	4,914,315	233,329	10,438	111.1

VI. LIVESTOCK ETC.

Particulars		1938-39	1947-48	1948-49	1949-50
Sheep	No.	9,936,586	9,055,237	9,365,713	9,477,026
Cattle -					
Dairy Cows	"	165,110	196,739	203,479	203,166
Other	"	153,787	248,548	257,607	260,975
Horses	"	195,834	100,619	94,071	82,617
Pigs	"	71,292	100,343	71,427	69,523
Ewes Mated	"	4,202,848	4,090,231	4,250,094	4,278,181
Lambs Marked	"	3,077,634	3,099,436	2,967,327	3,040,458
Wool Production	Lbs.	102,888,121	103,675,935	105,460,172	106,400,000
Butter made	"	20,716,584	21,537,405	20,808,743	19,650,000
Cheese made	"	18,457,598	25,827,102	26,105,591	23,700,000
Milk production	Gall.	72,500,000	92,500,000	91,300,000	87,950,000
Bacon and Ham	Lbs.	5,987,363	10,940,709	8,460,221	7,600,000
Slaughtering		1938	1947	1948	1949
Sheep, Lambs	No.	1,588,507	1,665,355	2,010,611	2,316,619
Cattle, Calves	"	167,451	147,577	189,255	200,782
Pigs	"	150,369	175,977	150,161	115,574

VII. PERSONS ENGAGED PERMANENTLY

Particulars		1938-39	1947-48	1948-49	1949-50
Males	No.	41,421	38,067	38,109	38,561
Females	No.	2,942	5,823	5,462	6,990
Persons	No.	44,363	43,890	43,571	45,551

Particulars have been collected under the following headings.

	Occupiers Lessees, etc.		Unpaid Relatives		Paid Employees	
	1949	1950	1949	1950	1949	1950
Males	No. 27,625	28,122	2,113	2,079	8,371	8,360
Females	" 3,901	4,766	795	1,273	766	951

Temporary Employees - March 1950 Males 11,432, Females 2,904.

Wages and Salaries (including Value of Keep) 1949-50.

To Permanent Workers. Males £2,399,260, Females £140,825.

To Temporary Workers. Males £1,434,337, Females £135,394.

Total Persons of all ages, residing on holdings, March 1950.

Males 47,880, Females 40,246, Persons 88,126.

VIII. MACHINERY, IMPLEMENTS

		1938-39	1946-47	1948-49	1949-50
Tractors	No.	5,969	9,456	11,271	13,709
Engines (stationary)	"	16,841	21,121		22,256
Ploughs	"	30,609	33,379		27,533
Cultivators, etc.	"	18,923	25,344	Not available	24,036
Harrows (leaves)	"	105,977	104,614		98,433
Grain Drills	"	19,203	18,074		16,790
Binders	"	10,632	9,582		8,654
Headers, Strippers etc.	"	N.A.	14,966		13,605
Milking Machines	"	684	2,839	3,665	4,198
Shearing Machines	"	N.A.	4,306	5,817	6,846

Increases are noted in power machinery such as tractors, engines, milking machines, shearing machines and rotary hoes but the decrease in crop areas is reflected in the decreases in ploughs, cultivators, drills, binders, headers, etc.

Details for 1949-50 were as follows:-

Tractors. Crawler or track type 2,525, Wheeled type 11,184.
Milking Machines. Unit size 1 and unspecified - 400, 2 - 2,133, 3 - 1,092,
4 - 434, 5 - 73, 6 - 60, 8 and over - 6, Total Units 10,447.
Shearing Machines as per number of stands 1 and unspecified - 2,384,
2 - 3,498, 3 - 552, 4 - 214, 5 - 63, 6 and over 135, Total Stands 13,253.
Cultivators. Disc 5,017, Spring tooth 6,321, Rigid Tine 6,530, Rotary
hoes 1,108, Scarifiers 2,806, Other 2,254.
Grain Drills. Combine type 12,030. Other types 4,760.
Fertiliser distributors and broadcasters - 3,393. Seed planters 718.
Mowers 5,028, Hay Rakes 6,722, Hay Presses and Balers 860, Spraying
Plants (power driven) 1,540, Potato Diggers 365,
Motor trucks, utilities or lorries 14,204.
Electric Motors of $\frac{1}{2}$ H.P. or over 4,098.

IX. BEEKEEPING.

Allowing for alternating good and bad seasons, it can be said that the production of honey and beeswax in recent years is practically three times greater than 10 years previously. During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax. but 1949-50 was the off year with only 5,178,447 lbs. of honey and 70,442 lbs of beeswax. There were 1,215 beekeepers with 83,088 productive and 28,032 unproductive hives. The number of beekeepers remains fairly constant but the total number of hives for 1949-50 was a record.

A. W. BOWDEN,

GOVERNMENT STATIST.

Statistical Office,
ADELAIDE.

30th October, 1950.